

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 00/09938

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C45/53 C07C49/08 C07C37/08 C07C39/04 B01J27/053

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 898 995 A (KNIFTON JOHN F ET AL) 6 February 1990 (1990-02-06) cited in the application the whole document	1-9
A	US 5 648 590 A (HSU CHAO-YANG ET AL) 15 July 1997 (1997-07-15) the whole document	1-9

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "P" document published prior to the international filing date but later than the priority date claimed

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

28 July 2000

Date of mailing of the international search report

11/08/2000

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4898995 A	06-02-1990	EP 0367408 A JP 2169529 A	09-05-1990 29-06-1990
US 5648590 A	15-07-1997	US 5019671 A CA 2020054 A DE 69009321 D DE 69009321 T EP 0408318 A JP 2799902 B JP 3048629 A	28-05-1991 11-01-1991 07-07-1994 12-01-1995 16-01-1991 21-09-1998 01-03-1991